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TITLE: MODIFIED POLYOLEFIN RESIN
COMPOSITION, POLYOLEFIN
RESIN COMPOSITION CONTAINING
THE COMPOSITION AND ITS
MOLDING
PUBN-DATE: August 8, 1995

INVENTOR-INFORMATION:

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ABSTRACT:

PURPOSE: To obtain a polyolefin resin composition containing a modified polyolefin resin excellent in moldability, surface property, heat stability, compatibility, shock resistance and rigidity by compounding a modified polyolefin, a phenolic compound containing a (meth)acryloyl group, etc., and an antioxidant at specific ratios.

CONSTITUTION: This composition is obtained by compounding (A) 100 pts.wt. of a modified polyolefin obtained by polymerizing 1-500 pts.wt. of a vinyl monomer (preferably an aromatic vinyl compound, an alkyl methacrylate or an unsaturated nitrile compound) in the presence of 100 pts.wt. of a crystallizable polyolefin with (B) 0.01-20 pts.wt. of a phenolic compound containing a (meth)acryloyl group [preferably 2-t-butyl-6-(3-t-butyl-2-hydroxy-5-methylbenzyl)-4-methylphenyl (meth)acrylate] and/or a sulfurous compound containing an acrylic group and (C) 0-20 pts.wt. of a phenolic antioxidant, a phosphate antioxidant and/or a sulfurous antioxidant.

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